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DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FOR
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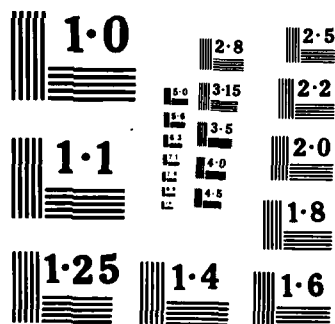
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DEPARTMENT OF THE ARMY
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1986
SUBMITTED TO CONGRESS

FEBRUARY 1985



Part 6

OTHER

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PROCUREMENT

PROGRAMS

AIRCRAFT

MISSILES

WEAPONS & TRACKED COMBAT VEHICLES

AMMUNITION

OTHER

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) (in 6 parts) Department of the Army Justification of Estimates for Fiscal Year 1986, submitted to Congress February 1985, Procurement Programs, Aircraft, Missiles, Weapons & Tracked Cbt Veh., Ammunition, Other Procurement & Constr Programs		5. TYPE OF REPORT & PERIOD COVERED Army Procurement Budget Justification, FY 1986
7. AUTHOR(s) Department of the Army		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-PPP-B) Washington, DC 20310		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-AO) Washington, DC 20310		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE February 1985
		13. NUMBER OF PAGES 295 (including all parts)
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Army Procurement Programs Budget Justification Books covering Aircraft, Missiles, Weapons and Tracked Combat Vehicles, Ammunition, Other Procurement, Army Appropriations programs and Construction programs submitted by the Army to Congress February 1985 for Fiscal Year 1986.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) In justification of programs requested, this document, in separate volume for each of the five Procurement Appropriations, and one separate volume for Construction Programs, provides backup data for the Army Budget submission for FY 1986. Included are Summaries of Requirements, Program and Financing Statements and Selected Data Sheets. (These volumes are unclassified).		

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1986, 1987

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5-1 February 1985



OTHER PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Appropriation Language

Program and Financing Schedule

5-1 February 1985

OTHER PROCUREMENT, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of vehicles, including tactical, support, and nontracked combat vehicles; the purchase of not-to-exceed (two thousand four hundred sixty) two thousand four hundred sixty-four passenger motor vehicles for replacement only; communications and electronic equipment; other support equipment; spare parts, ordnance and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, without regard to section 4774, title 10, United States Code, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior to approval of title as required by section 355, Revised Statutes, as amended; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes: (\$5,122,450,000 of which \$347,200,000 shall be available for the purchase of five ton trucks under a multiyear contract) \$5,712,800,000 of which \$65,000,000 shall be available for the M9 2/ Armored Combat Earthmover; and \$225,300,000 shall be available for the 5 ton truck, under multiyear contracts to remain available for obligation until September 30, (1987) 1988. (10 U.S.C. 2353, 2361, 3012, 4531, 4532; 3/ Department of Defense Appropriation Act, 1985).

EXPLANATION OF LANGUAGE CHANGES

- 1/To change the number of passenger carrying vehicles authorized for procurement in FY 1986.
- 2/To change the amount of appropriation requested for FY 1986.
- 3/To change the obligation expiration date for the FY 1986 program.

5-2 February 1985

Other Procurement, Army		04 Feb 85	
Program and Financing (in thousands of dollars)		FISCAL YEAR 1982	
		Obligations	
		Budget Plan (amounts for PROCUREMENT actions programud)	
		1984 actual	1985 est. 1986 est. 1984 actual 1985 est. 1986 est.
Identification code	21-2035-0-1-081		
Program by activity(ies):			
Direct program:			
00 0101	Tactical and support vehicles		122,315
00 0201	Communications and electronics equipment		185,279
00 0301	Other support equipment		121,680
00 8101	Total direct program		429,274
01 0101	Reimbursable program		1,039
10 0001	Total		430,313
Financing:			
Offsetting collections from:			
11 0001	Federal funds(-)		6,859
13 0001	Trust funds(-)		10,001
14 0001	Non-Federal sources(-)		1
17 0001	Recovery of prior year obligations(-)		-49,047
21 4002	Unobligated balance available, start of year:		
21 4007	For completion of prior year budget plans		-454,904
25 0001	Reprogramming from/to prior year budget plan		
	Unobligated balance lapsing	-54,777	
38 0001	Budget authority	54,777	54,777

5-3 February 1985

04 Feb 85
FISCAL YEAR 1983

Other Procurement, Army
Program and Financing (in Thousands of dollars)

Identification code	21-2035-0-1-081	Budget Plan (amounts for PROCUREMENT actions programmed)		Obligations	
		1984 actual	1985 est.	1984 actual	1985 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles			295,530	144,183
00.0201	Communications and electronics equipment			491,290	219,541
00.0301	Other support equipment			205,512	114,847
00.9101	Total direct program			992,332	478,571
01.0101	Reimbursable program			51,966	60,609
10.0001	Total			1,044,298	539,180
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)			10,016	
13.0001	Trust funds(-)			5,501	
14.0001	Non-Federal sources(-)			143	
17.0001	Recovery of prior year obligations(-)			-89,935	
21.4002	Unobligated balance available, start of year:			-1,481,602	-539,180
21.4007	For completion of prior year budget plans	27,400		-27,400	
22.4001	Reprogramming from/to prior year budget plans	-27,400			
22.4001	Unobligated balance transferred, net				
24.4002	Unobligated balance available, end of year:			539,180	
24.4002	For completion of prior year budget plans				
39.0001	Budget authority				

5-4 February 1985

Other Procurement, Army				01 Feb 85	
Program and Financing (in Thousands of dollars)				FISCAL YEAR 1984	
Identification code	21-2035-0-1-051	Budget Plan (amounts for PROCUREMENT actions program)		Obligations	
		1984 actual	1985 est.	1984 actual	1985 est.
Program by activities:					
Direct program:					
00 0101	Tactical and support vehicles	1,092,438		798,246	184,948
00 0201	Communications and electronics equipment	2,439,252		1,668,346	527,446
00 0301	Other support equipment	1,124,037		727,231	243,460
00 9101	Total direct program	4,655,727		3,193,823	956,796
01 0101	Reimbursable program	413,730		216,365	128,024
10 0001	Total	5,069,457		3,412,188	1,121,820
Financing:					
Offsetting collections from:					
11 0001	Federal funds(-)	-355,323		-355,323	
13 0001	Trust funds(-)	-59,184		-59,184	
14 0001	Non-Federal sources(-)	-222		-222	
21 4002	Unobligated balance available, start of year:				
21 4003	For completion of prior year budget plans		-17,700		-1,657,269
22 4001	Available to finance new budget plans		17,700		-17,700
22 4002	Unobligated balance transferred, net				17,700
24 4002	Unobligated balance available, end of year:				
24 4003	For completion of prior year budget plans				535,449
24 4003	Available to finance subsequent year budget	17,700		1,657,269	
38 0001	Budget authority	4,672,428		4,672,428	
Budget authority:					
40 0001	Appropriation	4,680,528		4,680,528	
41 0001	Transferred to other accounts(-)	-8,100		-8,100	
43 0001	Appropriation (adjusted)	4,672,428		4,672,428	

5-5 February 1985

Other Procurement, Army		04 Feb 85	
Program and Financing (in thousands of dollars)		FISCAL YEAR 1985	
Identification code	21-2035-0-1-051	Budget Plan (amounts for PROCUREMENT actions program)	
		1984 actual	1985 est.
Program by activities:			
00.0101	Tactical and support vehicles	1,421,400	987,873
00.0201	Communications and electronics equipment	2,430,350	1,589,094
00.0301	Other support equipment	1,270,700	883,136
00.0101	Total direct program	5,122,450	3,560,103
01.0101	Reimbursable program	304,600	219,312
10.0001	Total	5,427,050	3,779,415
Financing:			
Offsetting collections from:			
11.0001	Federal funds(-)	-235,300	-235,300
12.0001	Trust funds(-)	-69,100	-69,100
14.0001	Non-Federal sources(-)	-200	-200
21.4002	Unobligated balance available, start of year:		-1,647,635
24.4002	For completion of prior year budget plans		857,935
40.0001	Budget authority (Appropriation)	5,122,450	5,122,450

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Other Procurement, Army		FISCAL YEAR 1986			
Program and Financing (in thousands of dollars)		04 Feb 85			
Budget Plan (amounts for PROCUREMENT actions programed)		Obligations			
1984 actual		1985 est.		1986 est.	
Identification code	21-2035-0-1-051				
Program by activities:					
Direct program:					
00 0101	Tactical and support vehicles		1,016,800		708,676
00 0201	Communications and electronics equipment		3,306,300		2,297,676
00 0301	Other support equipment		1,389,700		965,842
00 8101	Total direct program		5,712,800		3,970,396
01 0101	Reimbursable program		288,500		207,720
10 0001	Total		6,001,300		4,178,116
Financing:					
Offsetting collections from:					
11 0001	Federal funds(-)		-217,100		-217,100
13 0001	Trust funds(-)		-71,200		-71,200
14 0001	Non-Federal sources(-)		-200		-200
24 4002	Unobligated balance available, end of year:				
	For completion of prior year budget plans				
40 0001	Budget authority (Appropriation)		5,712,800		1,623,184
					5,712,800

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Other: Procurement, Army		04 Feb 85			
Program and Financing (in thousands of dollars)		Budget Plan (amounts for PROCUREMENT actions programed)			
Identification code 21-2035-0-1-051		1984 actual	1985 est	1986 est	1987 est
Program by activities:					
Direct program:					
00 0101	Tactical and support vehicles	1,092,438	1,421,400	1,016,800	1,317,004
00 0201	Communications and electronics equipment	2,439,252	2,430,350	3,306,300	2,436,061
00 0301	Other support equipment	1,124,037	1,270,700	1,389,700	1,282,386
00 9101	Total direct program	4,655,727	5,122,450	5,712,800	5,035,470
01 0101	Reimbursable program	413,730	304,500	286,500	404,945
10 0001	Total	5,069,457	5,427,050	6,001,300	5,440,415
Financing:					
Offsetting collections from:					
11 0001	Federal funds(-)	-355,323	-235,300	-217,100	-235,300
13 0001	Trust funds(-)	-59,184	-69,100	-71,200	-69,100
14 0001	Non-Federal sources(-)	-222	-200	-200	-200
17 0001	Recovery of prior year obligations(-)				
21 4002	Unobligated balance available, start of year:				
21 4003	For completion of prior year budget plans	-27,377	-17,700		-17,700
21 4007	Available to finance new budget plans	-27,400	17,700		17,700
22 4001	Reprogramming from/to prior year budget plan				
22 4001	Unobligated balance transferred, net				
24 4002	Unobligated balance available, end of year:				
24 4003	For completion of prior year budget plans	17,700			2,183,084
24 4003	Available to finance subsequent year budget	54,777			17,700
25 0001	Unobligated balance lapsing				54,777
39 0001	Budget authority	4,672,428	5,122,450	5,712,800	5,122,450
40 0001	Budget authority:				
41 0001	Appropriation	4,680,528	5,122,450	5,712,800	5,122,450
41 0001	Transferred to other accounts(-)	-8,100			-8,100
43 0001	Appropriation (adjusted)	4,672,428	5,122,450	5,712,800	5,122,450
Revelation of obligations to outlays:					
71 0001	Obligations incurred, net				
72 4001	Obligated balance, start of year				5,135,815
74 4001	Obligated balance, end of year				4,911,479
77 0001	Adjustments in expired accounts				-5,502,459
78 0001	Adjustments in unexpired accounts				30,638
90 0001	Outlays				-138,983
		3,807,287	3,775,200		4,611,000

5-8 February 1985

Identification code 21-2035-0-1-031		Other Procurement, Army Object Classification (in thousands of dollars)		04 Feb 85	
		1984 actual	1985 est	1986 est	
Direct obligations:					
Other services:					
12 5004	Other	784,623	805,675	1,044,491	
12 6001	Supplies and materials	323,080	402,838	439,786	
13 1001	Equipment	3,807,726	3,826,957	4,001,329	
19 9001	Total Direct obligations	4,915,429	5,035,470	5,485,606	
Reimbursable obligations:					
Other services:					
22 5004	Other	46,133	76,940	60,355	
22 6001	Supplies and materials	18,996	32,396	25,413	
23 1001	Equipment	206,241	295,609	231,891	
29 9001	Total Reimbursable obligations	271,370	404,945	317,659	
99 9901	Total obligations	4,886,799	5,440,415	5,803,265	

COMPARISON OF FY 1985 FINANCING AS REFLECTED
IN THE FY 1985 BUDGET WITH FY 1985 FINANCING
AS SHOWN IN FY 1986 BUDGET

Appropriation:	OTHER PROCUREMENT, ARMY	(In Thousands of Dollars)	
		Financing Per FY 1985 Budget	Financing Per FY 1986 Budget
			Increase (+) or Decrease (-)
Program Requirements (Total)			
Program Requirements (Service Account)		6,330,200	5,427,050
Program Requirements (Reimbursable)		(6,022,400)	(5,122,450)
		(307,800)	(304,600)
Less:			
Anticipated reimbursements		307,800	304,600
Reprogramming from prior year budget plans		-0-	-0-
Unobligated balance available from prior year to finance new budget plans		-0-	-0-
Unobligated balance transferred from other accounts		-0-	-0-
Add:			
Unobligated balance transferred to other accounts		-0-	-0-
Unobligated balance available to finance subsequent year budget plans		-0-	-0-
BUDGET AUTHORITY		6,022,400	5,122,450
Appropriation			-899,950
Transfer to other accounts		6,022,400	5,122,450
Appropriation adjusted		6,022,400	5,122,450

5-23 February 1985

COMPARISON OF FY 1985 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1985 BUDGET WITH
FY 1985 PROGRAM REQUIREMENTS AS SHOWN IN FY 1986 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Total Program Requirements Per FY 1985 Budget	Program Requirements Per FY 1986 Budget	Increase (+) or Decrease (-)
Activity 1 - Tactical and Support Vehicles	1,535,500	1,421,400	- 114,100
Activity 2 - Communications and Electronics Equipment	2,927,000	2,430,350	- 496,650
Activity 3 - Other Support Equipment	1,559,900	1,270,700	- 289,200
TOTAL	6,022,400	5,122,450	- 899,950

1. Tactical and Support Vehicles (Activity 1). Net decrease of \$114,100 thousand is a result of reductions made during final Congressional action on the FY 1985 Budget Request

2. Communications and Electronics Equipment (Activity 2). Net decrease of \$496,650 thousand is a result of reductions totalling \$540,650 thousand and increases totalling \$38,700 thousand made during final Congressional action on the FY 1985 Budget Request, and a below-threshold reprogramming of \$5,300 thousand from Activity 3, to this Budget Activity.

3. Other Support Equipment (Activity 3). Net decrease of \$289,200 thousand is a result of reductions of \$283,900 thousand made during final Congressional action on the FY 1985 Budget Request and a below-threshold reprogramming of \$5,300 thousand to Activity 2, from this Budget Activity.

5-22 February 1985

OTHER PROCUREMENT, ARMY

Section 3

Comparison of Program Requirements and Financing

Comparison of FY 1985 program requirements as reflected in the FY 1985 budget with FY 1985 program requirements as shown in the FY 1986 budget.

Comparison of FY 1985 financing as reflected in the FY 1985 budget with FY 1985 financing as shown in FY 1986 budget.

Comparison of FY 1984 program requirements as reflected in the FY 1985 budget with FY 1984 program requirements as shown in the FY 1986 budget.

Comparison of FY 1984 financing as reflected in the FY 1985 budget with FY 1984 financing as shown in the FY 1986 budget.

5-21 February 1985

Material Handling Equipment (P-1 Line Item Nos. 352-341)

	(\$ in Thousands)
FY 1986	FY 1987
74,400	109,700

The FY 1986 funds requested continue the standardization for five commercial forklifts which are critical to ammunition handling. These programs are essential to fill shortages created by worn-out, over-aged equipment that degrade readiness. FY 1986 starts a new program for the 65 Ton Crane which is used for ammunition and cargo handling. FY 1987 continues many of the FY 1986 programs.

Other Support Equipment (P-1 Line Item Nos. 342-358)

	(\$ in Thousands)
FY 1986	FY 1987
101,500	507,400

This category continues funding in several major areas. It provides: the Spare Parts and Production Base Support which support the procurement programs in this Budget Activity; the AMC Reshape Program which provides funds to support investment in equipment which will improve productivity throughout the wholesale logistics base of the Army; the Host Nation Support (HNS) program which improves our capability to rapidly reinforce Europe in an emergency; funds for procurement of training devices, including such initiatives as procurement of new standardized systems for our ranges and laser engagement simulation systems for our new weapon systems. These training devices can directly improve combat soldier readiness in that the individual can be trained on a simulated battlefield and gain the needed experience to fight on a modern battlefield. In this category, the Army continues funding to upgrade the facilities and equipment of three COMUS AMC area-oriented depots which provide supply support to specific geographic areas of the world. These upgrades will provide the latest technology in depot operations and increase capacity and efficiency to meet anticipated future logistic requirements.

Construction Equipment (P-1 Line Item Nos. 309-320)

(\$ in Thousands)	
FY 1986	FY 1987
59,400	244,700

The FY 1986 funds requested will continue the standardization program of Construction Equipment for Tractors and the Small Emplacement Excavator (SEE). FY 1987 continues FY 1986 programs and the FY 1985 multiyear program for the 7 1/2 Ton Crane. Also, FY 1987 initiates programs for the ditching machine, and the 12 1/2 and 20 Ton Cranes.

Rail, Float, Containerization (P-1 Line Item Nos. 321-330)

(\$ in Thousands)	
FY 1986	FY 1987
53,300	113,600

This category provides for procurement of watercraft to meet the Logistics-Over-The-Shore (LOTS) movement of tonnage in support of Central Command (CENTCOM). The FY 1986 program continues the multiyear procurement of the Landing Craft Utility (LCU) which provides capability to transport cargo, troops, and vehicles from ship to shore. The FY 1987 program continues acquisition of the Landing Craft, Utility (LCU) and the Logistic Support Vehicle (LSV), and also includes funds for Causeways. FY 1987 also starts a program for the POL tank car.

Generators (P-1 Line Item Nos. 331)

(\$ in Thousands)	
FY 1986	FY 1987
99,400	117,800

These funds are required to provide generators and power units of varying sizes and capacities, primarily designed to provide power sources for electrical lighting and communications and computer systems for a variety of combat (eg., missile and weapon systems) and combat support units. The program supports both the acquisition of power sources for combat and combat support equipment currently being acquired and fielded, as well as replacement of over-aged, obsolete power generator equipment currently being used in units.

Medical Equipment (P-1 Line Item Nos. 294-296)

(\$ in Thousands)
FY 1986 FY 1987
245,800 240,900

Medical equipment funding provides for the procurement of equipment to support both Army fixed medical activities and field medical units worldwide. This category finances the acquisition of medical care support equipment needed to support Army fixed medical activities. It provides for the initial equipping of approved major medical Military Construction, Army programs and renovation and modernization projects; the replacement of uneconomically repairable and obsolete equipment; the acquisition of new technologies essential to modern health care; and equipment for drug abuse testing laboratories, environmental pollution monitoring, and clinical investigation of significant health care problems. This category also procures medical equipment for the initial issue to new or existing tactical field medical units in the approved force structure; procurement of field medical equipment to be placed in POMCUS; and the acquisition of field medical investment equipment to replace worn out, obsolete or uneconomically repairable equipment. Programmed funds will equip and modernize the field medical force, hospitals, and other medical field units. (This is in compliance with Defense Guidance and reduces serious Army equipment shortages which prevent meeting field medical support missions). Many of the items being procured for field medical units are the same as items being procured by other services as a result of the current Quad Services Standardization Program. In addition, this category funds Electrical Generator/Environmental Control Systems, one and two-sided expandable tactical shelters, and two and eight-section extendable, modular, personnel (TEMPER) tents for use by Army Combat Zone Hospitals. FY 1987 continues many FY 1986 programs.

Maintenance Equipment (P-1 Line Item Nos. 297-308)

(\$ in Thousands)
FY 1986 FY 1987
67,500 110,300

This category includes numerous types of maintenance equipment necessary to perform maintenance on all equipment in the field. Examples include welding shops and electrical repair shops. The FY 1986 program continues multiyear procurement of the Contact Maintenance Shop and includes acquisition of the Welding Shop and the Electric Repair Shop. The FY 1987 program continues FY 1986 procurements and initiates programs for the Tool Outfit, Hydraulic Repair the Steam Cleaner, the Welding Machine, and the Pioneer Tool Shop. The procurements scheduled for FY 1986 and FY 1987 will significantly increase the readiness of maintenance units in the Army, and directly impact the readiness of our combat forces.

initiates the multiyear procurement of the mobile field kitchen. The items procured in this category support the soldiers and equipment that must operate in all weather conditions in field environments. The FY 1987 program restarts programs for compressors and heaters and initiates a new program for the floodlight sets.

Petroleum Equipment (P-1 Line Item Nos. 268-278)

(\$ in Thousands)	
FY 1986	FY 1987
59,100	74,800

This category includes equipment necessary for the storage and distribution of fuel. The FY 1986 program provides for the continuation of the multiyear acquisition programs of the 10,000 and 50,000 gallon fabric collapsible tanks to be used at fuel system supply points and for bulk petroleum storage, 350 GPM pumps to move fuel from the supply source to using forces, and the 600 gallon tank unit used to dispense fuel. FY 1986 continues procurement of the SNA Petroleum Distribution System, which includes bulk storage tanks, hoses, pumps, and mooring systems required to support the Army's mission of distributing bulk petroleum to all Central Command (CENTCOM) land-based forces. The FY 1987 program also begins a program for the acquisition of forward area refueling equipment.

Water Equipment (P-1 Line Item Nos. 279-293)

(\$ in Thousands)	
FY 1986	FY 1987
55,400	174,700

This category includes water support equipment required to provide a capability for production, purification, storage and distribution of water. The FY 1986 program continues to provide for the acquisition of the equipment in support of the long-range Phase II water equipment procurement program to support the Central Command (CENTCOM). FY 1986 programs are requested for acquisition of the Tactical Water Distribution System (TWDS), water chillers, collapsible storage tanks and Centrifugal Pumps. In order to provide purification capability, programs are included for the 600 gallon per hour Reverse Osmosis Water Purification Units (ROWPU) and the 3,000 gallon per hour ROWPU. FY 1987 programs continue acquisition of the FY 1986 programs and restart acquisition of the storage distribution system and well drilling machines.

Bridging Equipment (P-1 Line Item Nos. 238-243)

(\$ in Thousands)	
FY 1986	FY 1987
55,200	59,900

This category includes components of the Ribbon Bridge and the Medium Girder Bridge Systems. The FY 1986 program continues acquisition of the Ribbon Bridge Transporter. Also, the program continues multiyear procurement of the Ribbon Bridge Interior and Ramp Bays and the Bridge Erection Boat in support of unit shortages.

Engineer (Non-Construction) Equipment (P-1 Line Item Nos. 244-255)

(\$ in Thousands)	
FY 1986	FY 1987
92,000	130,400

This category provides funding for mine/countermine equipment and the Armored Combat Earthmover (ACE). The FY 1986 program provides for the first year of a five-year multiyear procurement of the ACE which is required by combat engineers to provide essential support to the combat units. Use of multiyear contracting in lieu of single year is projected to result in a savings of \$20,600 thousand in FY 1986. The FY 1986 and FY 1987 programs provide for the multiyear procurement of the Mine Detecting Set used to locate metallic anti-personnel and anti-tank mines and also continues procurement of the Mine Clearing System (GEMSS) which is the first U.S. system to automatically dispense mines simultaneously or individually in a controlled pattern. The FY 1986 program initiates procurement of the GEMSS Auxiliary Mine Dispenser which will provide a back-up capability for and augment the GEMSS mine dispenser; the Mine Dispenser M4139, which will be used by combat, aviation and combat engineer elements to rapidly deploy large scale mine fields; the Clear Lane Marking System, which will provide a currently nonexistent capability to support the tank mission requirement to breach mine fields; and the Remote Control Unit (MOPMS) which will provide the ability to remotely deploy mine fields; select mine self-destruct times, recycle the self-destruct times and command-destruct mine fields as the tactical situation develops.

Combat Service Support Equipment (P-1 Line Item Nos. 256-267)

(\$ in Thousands)	
FY 1986	FY 1987
54,700	106,300

This category provides for the acquisition of various combat support equipment items. In FY 1986, the program includes various size/capacity air conditioners required to support major systems such as aviation maintenance shops, missile systems and communications and electronics shops. Also included are continuing programs for firetrucks, diving equipment and printing and binding equipment. In addition, FY 1986

5-16 February 1985

Department of the Army Annual Budget Estimates	Appropriation		FY 1986	
	JUSTIFICATION	OTHER PROCUREMENT, ARMY	(Thousands of Dollars)	Budget
Program or Budget Project Account		Actual	Estimate	Estimate
ACTIVITY 3 - OTHER SUPPORT EQUIPMENT		FY 1984	FY 1985	FY 1986
Direct Obligation or Direct Budget Plan		1,124,037	1,270,700	1,389,700
				2,175,300

Section 1 - PURPOSE and SCOPE

These funds provide for the procurement, manufacture, and conversion of chemical defensive, bridging, engineer (non construction), combat service support, petroleum, water, medical, maintenance, construction, rail, float, containerization, generators, materiel handling, and other support equipment. The funds also provide for initial and replenishment spares and production base support associated with items in this budget activity.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Chemical Defensive Equipment (P-1 Line Item Nos. 225-237)

(\$ in Thousands)	
FY 1986	FY 1987
72,000	184,800

This category includes chemical-biological individual and collective protection, detection and warning, and decontamination equipment. The FY 1986 funds requested will initiate procurement of the new XM40 series masks. In addition, the FY 1986 funds will procure collective protective equipment, and a lightweight decontamination apparatus necessary for U. S. forces to operate in a chemical environment. The FY 1986 program also initiates procurement of the Smoke Generator Set, Mech, Pulse Jet, XM157 which will provide large area smoke screening for mobile smoke screening application.

5-15 February 1985

Ground Equipment (FY 1987: \$293,900 thousand); \$110,100 thousand for EUCOM Command, Control, and Communications Systems (FY 1987: \$98,500 thousand); \$141,300 thousand for Communications Security Equipment (FY 1987: \$137,600 thousand); \$70,500 thousand for Base Communications (FY 1987: \$82,800 thousand); and \$27,000 thousand for Test Measurement and Diagnostic Equipment (FY 1987: \$24,400 thousand). These communications equipments are essential to field, and to sustain in the field, the combat elements of the Army and to provide command and control over these forces by the National Command Authorities, The Joint Chiefs of Staff, and others in the chain of command.

Other Electronics/Equipments (P-1 Line Item Nos. 135-224)

(\$ in Thousands)	
FY 1986	FY 1987
1,588,200	2,451,600

This request also provides for Other Electronic Systems and Equipment including: \$98,700 thousand for Intelligence Support (FY 1987: \$293,800 thousand); \$36,800 thousand for the General Defense Intelligence Program; \$267,800 thousand for Automatic Data Processing Equipment (FY 1987: \$463,500 thousand); \$43,900 thousand for Audio Visual Equipment (FY 1987: \$14,700 thousand); \$34,900 thousand for Electronic Warfare (FY 1987: \$35,100 thousand); \$459,600 thousand for Tactical Electronics (FY 1987: \$725,100 thousand); \$23,000 thousand for Test Measurement and Diagnostic Equipment (FY 1987: \$79,100); and \$623,500 thousand for Support Equipment and Facilities (FY 1987: \$800,200 thousand). The equipment in these categories is required to provide the necessary intelligence/electronic warfare equipment to the land combat forces, to enhance target acquisition and surveillance capabilities, to modernize and upgrade automatic data processing/management information systems and to sustain the production base, exploiting the latest developments in miniaturization, solid state circuitry, and modular fabrication.

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation	FY 1986			
		Budget			
		(Thousands of Dollars)			
Program or Budget Project Account		Actual	Estimate	Estimate	Estimate
ACTIVITY 2 - COMMUNICATIONS & ELECTRONICS EQUIP		FY 1984	FY 1985	FY 1986	FY 1987
Direct Obligation or Direct Budget Plan		2,439,252	2,430,350	3,306,300	4,644,700

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement, manufacture, depot rebuild facilities equipment, modification, and production base support of communications and electronics equipment and high dollar value depot repairable assemblies/components for initial provisioning and replenishment requirements. Funds are included for satellite communications, radios, signal intelligence and electronic warfare, combat wire communications, night vision, photographic, combat surveillance, target acquisition, strategic and tactical communications and communications security equipment, fire support, and automatic data processing equipment.

Section 2 - JUSTIFICATION OF FUNDS REQUIRED

Telecommunications Equipment (P-1 Line Item Nos. 31-134)

(\$ In Thousands)
 FY 1986 1,718,100
 FY 1987 2,193,100

The FY 1986 budget of \$1,718,100 thousand will support the Army's requirements for both tactical and strategic communications worldwide and includes: \$14,500 thousand for U.S. Readiness Command Communication (FY 1987: \$15,000 thousand); \$525,700 thousand for Joint Tactical Communications (TRI-TAC) (FY 1987: \$1002,800 thousand); \$361,200 thousand for Combat Support Communications (FY 1987: \$442,500 thousand); \$57,200 thousand for Strategic Communications (STARCOM-Non DCS) FY 1987: \$34,600 thousand; \$63,700 thousand for Long Haul Communications (FY 1987: \$56,400 thousand); \$346,900 thousand for Satellite Communications

5-13 February 1985

Non-Tactical Vehicles - (P-1 Line Item Nos. 25-27)

(\$ in Thousands)	
FY 1986	FY 1987
82,900	82,900

This category includes three sub-categories: Passenger Carrying Vehicles (sedans, station wagons, buses, and ambulances); General Purpose Vehicles (trucks, trailers, and semitrailers); Special Purpose Vehicles (maintenance, refuse and construction trucks). The FY 1986 program will provide for replacement of 2464 Passenger Carrying Vehicles. The FY 1987 program will provide for replacement of 577 Passenger Carrying Vehicles.

Support Equipment and Facilities - (P-1 Line Item Nos. 28-30)

(\$ in Thousands)	
FY 1986	FY 1987
135,200	154,400

This category includes Spares for Tactical and Support Vehicles. Spares include engines, transmissions, transfer cases and axles that are required to support newly fielded tactical vehicles as well as the existing fleet of tactical vehicles.

5-12 February 1985

Department of the Army Annual Budget Estimates		Appropriation		FY 1986	
JUSTIFICATION		OTHER PROCUREMENT, ARMY		Budget	
Program or Budget Project Account		(Thousands of Dollars)			
		Actual	Estimate	Estimate	Estimate
ACTIVITY 1 - TACTICAL AND SUPPORT VEHICLES		FY 1984	FY 1985	FY 1986	FY 1987
Direct Obligation or Direct Budget Plan		1,092,438	1,421,400	1,016,800	1,284,700

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement and manufacture of tactical and non-tactical vehicles and associated equipment. The tactical vehicles are of the type normally used by operations and support forces, and include prime movers and general purpose vehicles usually equipped with multi-wheel drive to satisfy cross country mobility needs. The non-tactical vehicles are of the administrative type which are generally equipped with two-wheel drive and are commercial in nature; included are such items as sedans, pickup trucks, carryalls and special purpose vehicles.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Tactical Vehicles - (P-1 Line Item Nos. 1 - 24)

(\$ in Thousands)	
FY 1986	FY 1987
798,700	1,047,400

This category includes primarily trucks, trailers, semitrailers, dolly sets and chassis designed for tactical use. The major vehicles in the FY 1986 Budget Request are 13,383 High Mobility Multi-Purpose Wheeled Vehicles (HMMV), 2,179 Five Ton Trucks, and 770 Ten Ton Trucks. The FY 1986 program for Five Ton Trucks provides funds for the second year of a multiyear contract. Use of multiyear contracting in lieu of single year is projected to result in a savings of \$15,700 thousand in FY 1986. This savings has been taken into consideration in our 1986 Budget Request. The FY 1987 program includes 14,365 HMMV's, 3,976 Five Ton Trucks and 955 Ten Ton Trucks. These vehicles are required to fill some Active Army and Reserve Component shortages and provide for limited replacement of existing vehicles. This vehicle supports the fielding of FIREFINDER, PATRIOT, PERSHING II, SGT YORK GUN, TACFIRE, MLRS, TOW, BFWs, GLLD/HELLFIRE, and STINGER.

5-11 February 1985

OTHER PROCUREMENT, ARMY

Section 2

Budget Activity Justification

- Activity 1 - Tactical and Support Vehicles
- Activity 2 - Communications and Electronics Equipment
- Activity 3 - Other Support Equipment

5-10 February 1985

COMPARISON OF FY 1984 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1985 BUDGET WITH
FY 1984 PROGRAM REQUIREMENTS AS SHOWN IN FY 1986 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)				
Appropriation: OTHER PROCUREMENT, ARMY		Total Program Requirements	Program Requirements	Increase (+) or Decrease (-)
		Per FY 1985 Budget	Per FY 1986 Budget	
Activity 1 - Tactical and Support Vehicles		1,088,428	1,092,438	+ 4,010
Activity 2 - Communications and Electronics Equipment		2,428,600	2,439,252	+ 10,652
Activity 3 - Other Support Equipment		1,132,900	1,124,037	- 8,863
	TOTAL	4,649,928	4,655,727	+ 5,779

1. Tactical and Support Vehicles (Activity 1). Net increase of \$4,010 thousand is a net result of Congressional disapproval of the Fast Attack Vehicle formal reprogramming action which would have increased this Budget Activity by \$3,000 thousand from Activity 2 and \$1,028 thousand from Activity 3, and miscellaneous below threshold reprogrammings within the Other Procurement, Army appropriation which resulted to a net increase of \$8,038 thousand.

2. Communications and Electronics Equipment (Activity 2). Net increase of \$10,652 thousand results from Congressional disapproval of \$2,400 thousand on formal reprogramming actions which would have transferred funds to other appropriations from this Budget Activity; conversion of \$1,000 thousand free assets to direct obligation authority for this Budget Activity; an increase of \$5,000 from Activity 3 based upon Congressional direction to procure Night Vision Goggles; an increase of \$3,000 thousand from Activity 1, based upon Congressional disapproval of a planned formal reprogramming for the Fast Attack Vehicle; and miscellaneous below-threshold reprogrammings which resulted in a net decrease of \$748 thousand.

3. Other Support Equipment (Activity 3). Net decrease of \$8,863 thousand is a net result of Congressional disapproval of \$1,400 thousand on planned reprogramming actions which would have transferred funds to other Appropriations from this Budget Activity; a transfer of \$5,000 thousand to Activity 2 based upon Congressional direction to procure Night Vision Goggles; an increase of \$1,028 from Activity 1 based upon Congressional disapproval of a planned formal reprogramming for the Fast Attack Vehicle which would have transferred \$1,028 thousand from this Budget Activity; and miscellaneous below-threshold reprogrammings which resulted in a net decrease of \$6,291 thousand.

COMPARISON OF FY 1984 FINANCING AS REFLECTED
IN THE FY 1985 BUDGET WITH FY 1984 FINANCING
AS SHOWN IN FY 1986 BUDGET

Appropriation:	(In Thousands of Dollars)		
	OTHER PROCUREMENT, ARMY	Financing Per FY 1985 Budget	Financing Per FY 1986 Budget
Program Requirements (Total)		4,980,028	5,069,457
Program Requirements (Service Account)		(4,649,928)	(4,655,727)
Program Requirements (Reimbursable)		(330,100)	(413,730)
Less:			
Anticipated reimbursement		- 330,100	- 414,729
Reprogramming from prior year budget plans		-0-	-0-
Unobligated balance available from prior year to finance new budget plans		-0-	-0-
Unobligated balance transferred from other accounts		-0-	-0-
Add:			
Available to finance subsequent year budget		-0-	17,700
			+ 17,770
	BUDGET AUTHORITY	4,649,928	4,672,428
			+ 22,500
BUDGET AUTHORITY			
Appropriation		4,680,528	4,680,528
Transferred to other accounts		- 30,600	- 8,100
Appropriation (Adjusted)		4,649,928	4,672,428
			+ 22,500
			+ 22,500

5-25 February 1985

DEPARTMENT OF THE ARMY
PROCUREMENT OF EQUIPMENT AND MISSILES, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1986, 1987

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Program and Financing Schedule and Object
Classification Schedule for the Procurement
of Equipment and Missiles, Army Appropriation

6-1 February 1985

Proc. of Equip. & Missiles, Army		04 Feb 85	
Program and Financing (In Thousands of dollars)			
Identification code	21-2030-0-1-051	1984 actual	1985 est. 1986 est.
Relation of obligations to outlays.			
71.0001	Obligations incurred, net		
72.4001	Obligated balance, start of year	358	151
74.4001	Obligated balance, end of year	-151	-151
77.0001	Adjustments in expired accounts	77	
90.0001	Outlays	285	

END

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